PTO-1390 (Rev. 07-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL L DESIGNATEDA CONCERNING A S				SIAILS	ATTORNEY'S DOCKET NUMBER 64649 (70904)				
			•	•	U.S. APPEICATION NO. (I known, see 87 CFR 1.5)				
	IATIONAL APPLIC	CATION NO.	INTERNATIONAL F	ILING DATE	PRIORITY DATE CLAIMED				
TITLE C	PCT/JP2004/0 F INVENTION	108106	10 June	2004	13 June 2003				
			RATUS, METHOD MEDIUM, CONTI		LLING INFORMATION REPRODUCING I, etc.				
	ANT(S) FOR DO/E hi Ohizumi et al.	EO/US	• •						
		s to the United Stat	es Designated/Electe	ed Office (DO/EO/	US) the following items and other information:				
1. X	I. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
3. X	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4.	The US has been elected (Article 31).								
5. X	A copy of the Inte	ernational Applicati	on as filed (35 U.S.C	. 371 (c)(2))					
a.	a. x is attached hereto (required only if not communicated by the International Bureau).								
b.	b. x has been communicated by the International Bureau.								
C.	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6. X	An English langu	age translation of t	he International Appl	ication as filed (35	5 U.S.C. 371(c)(2)).				
a.	x is attached h	ereto.							
b.	b. has been previously submitted under 35 U.S.C. 154(d)(4).								
7. X	7. x Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
a.									
b.	have been co	ommunicated by th	ne International Burea	. au.	_				
c.	have not bee	en made; however,	the time limit for mal	king such amendm	nents has NOT expired.				
d.	x have not bee	en made and will no	ot be made.						
8.	An English langu	age translation of t	the amendments to the	ne claims under Po	CT Article 19 (35 U.S.C. 371(c)(3)).				
9. X	An oath or declar	ration of the invent	or(s) (35 U.S.C. 371(c)(4)).					
10.	O. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
lten		. ,	nent(s) or informat	ion included:					
11. x	An Information D	Disclosure Statem	ent under 37 CFR 1	1.97 and 1.98.					
12. x	An assignment d	ocument for record	ding. A separate cove	er sheet in complia	ance with 37 CFR 3.28 and 3.31 is included.				
13. X	A preliminary am	nendment.							
14. x	An Application D	oata Sheet under 3	37 CFR 1.76.		·				
15.	A substitute spec	cification.							
16.	A power of attorr	ney and/or change	e of address letter.						
17.	A computer-read	dable form of the s	equence listing in ac	ccordance with PC	CT Rule 13 <i>ter</i> .2 and 37 CFR 1.821 – 1.825.				
18.			ternational Application						
19.		-			oplication under 35 U.S.C. 154(d)(4).				
<u> </u>	,	-		•					

IAP6 Rec'd PCT/PTO 13 DEC 2005

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/JP2004/008106						ATTORNEY'S DOCKET NUMBER 64649(70904)				
20. To Other items or information: PCT/RO/101; PCT/ISA/210 (W/14 references); PCT/ISA/237; PCT/IB/304; PCT/IB/308 (1st Notice); PCT/IB/308 (2nd Notice); International Application No. WO 2004/112020 A1; Return Receipt Postcard										
The following fees have been submitted								CALCULATIONS PTO USEON		
21. x Basic national fee (37 CFR 1.492(a))\$300						\$ 300.00			1 TO OCLONET	
22. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)							\$	200.0	0	
23. x Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)							\$	400.0	00	
	TOTAL (OF 21, 22	and 23 =				\$	900.0	0	•
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.										A. P.
Total Sheets	Extra St	neets		additional 50 or fraction up to a whole number)		RATE				
143 - 100 =	^	/50 =		1		x \$250.00	\$	250.0	00	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).										
CLAIMS	}	NUM	IBER FILED	NUMBER EXTRA	:	RATE				
Total clain	ns		3 - 20 = 83		x	50.00	4,150.0		0	
<u> </u>	Independent claims 2 - 3		2 - 3 =	x			0.00			
MULTIPLE DEP	ENDENT	CLAIM(S) (if applicable)		+	360.00	\$ 5.660.00			
TOTAL OF ABOVE CALCULATIONS =								5,660.0	00	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.										
SUBTOTAL =							\$	5,660.0	0	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).							\$			
TOTAL NATIONAL FEE =							\$ 5,660.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +							\$ 40.00			
TOTAL FEES ENCLOSED = \$										
						Amou	int to be	\$		
							Amou charg	nt to be	\$	5,700.00

AP6 Rec'd PCT/PTO 13 DEC 2005

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

a. A check in the amount of \$	to cover the above	e fees is en	closed.	
b. X Please charge my Deposit Account No. 04-110 A duplicate copy of this sheet is enclosed.)5 in the amou	unt of \$	5,700.00	_ to cover the above fees.
c. X The Commissioner is hereby authorized to charge any Account No. 04-1105 . A duplicate of		-	•	dit any overpayment to Deposit
Fees are to be charged to a credit card. WARNING should not be included on this form. Provide credit card.				
NOTE: Where an appropriate time limit under 37 CFR 1.49 filed an granted to restore the international Application to			ition to revive (3	37 CFR 1.137(a) or (b)) must be
SEND ALL CORRESPONDENCE TO:		SICN	Dunil C ATURE	1. 7 metre
David A. Tucker EDWARDS ANGELL PALMER & DODGE LLP P.O. Box 55874		SIGN		Tuelsee
Boston, Massachusetts 02205 (617) 517-5508		NAMI		. Tucker
CUSTOMER NUMBER: 21874		REGI	27,8 STRATION NUM	840
				•

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 64649 (70904)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 756265039 US in an envelope addressed to:

MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on	December 13, 2005						
	Date						
	Kathy Q.	Grinderd					
•	Signature	e.					
	Kathryn A. Gri	indrod					
·	Typed or printed name of pers						
		(617) 517-5508					
Regi	istration Number, if applicable	Telephone Number					
Note:	f mailing, or this certificate must identify						
	Transmittal Letter to the United States Designated-Elected Office (6 pages)						
Application Data Sheet (3 pages)							
	Specification Cover Sheet (1 page)						
	Specification excluding claims (108 pages 402 Objects 442	ges)					
	103 Claims (10 pages)						
	Abstract (1 page) Formal Drawings Fig. 1 - Fig. 26 (24 page)	anes)					
	Preliminary Amendment (9 pages)						
	Executed Oath or Declaration of the in-	ventor(s) (4 pages)					
	PCT/RO/101; PCT/ISA/210 (W/14 refe						
	PCT/IB/308 (1st Notice); PCT/IB/308 (2	2nd Notice); International					
	Application No. WO 2004/112020 A1; I	•					
	Information Disclosure Statement (3 pa						
	Form PTO/SB/08a/b (w/11 References						
	Recordation Form Cover Sheet (2 page Assignment (2 pages)	es)					
	Assignment (2 pages) Authorization to charge \$5,600,00 to do	enosit account 04-1105					
	Authorization to charge \$5,600.00 to do	eposit account 04-1105					